

FIG. 3

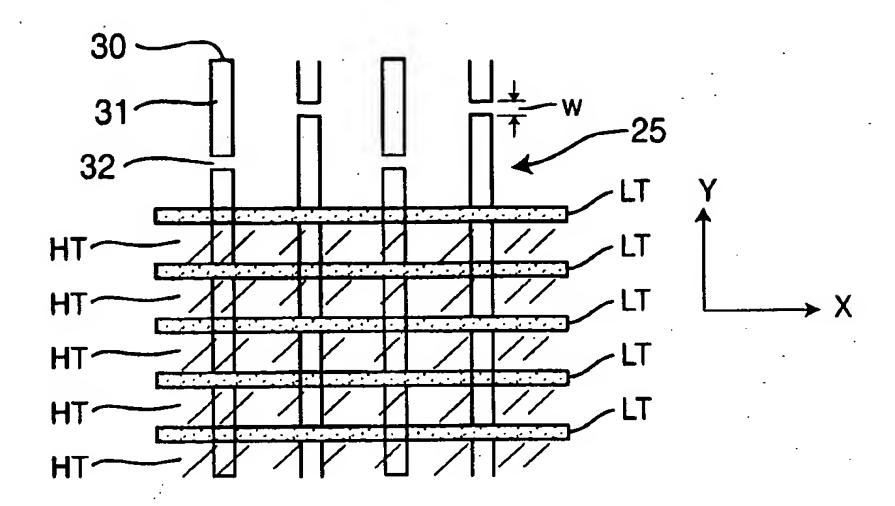


FIG. 4

ZERO BEAT CONDITION (MAXIMUM PHASE)

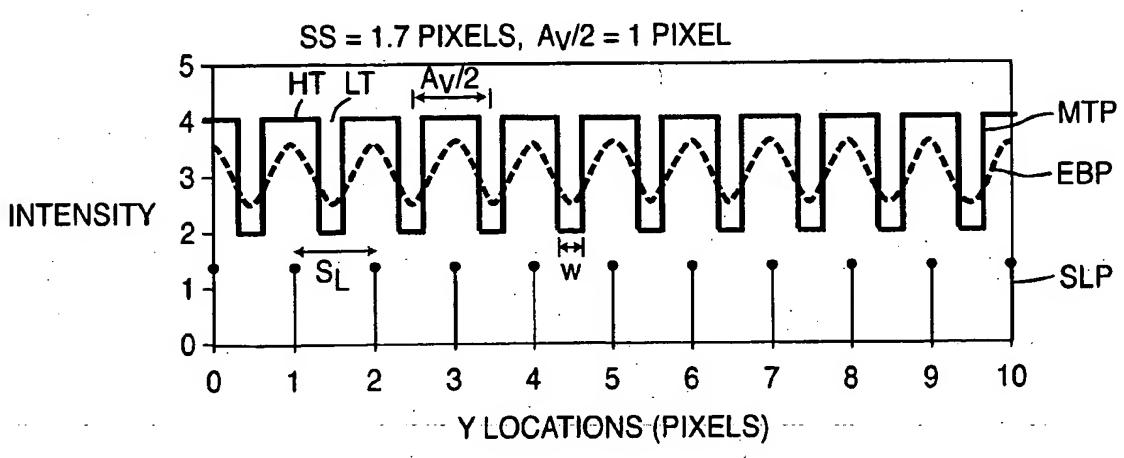


FIG. 5

4/8

ZERO BEAT CONDITION (MAXIMUM PHASE)

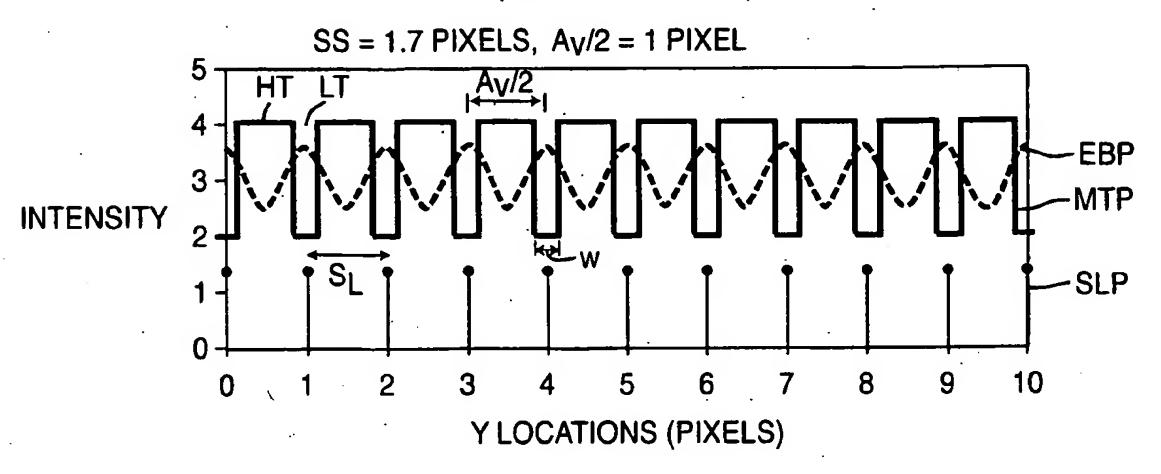


FIG. 6

NON - ZERO BEAT CONDITION SS = 1.7 PIXELS, $A_V/2 = 0.9$ PIXELS

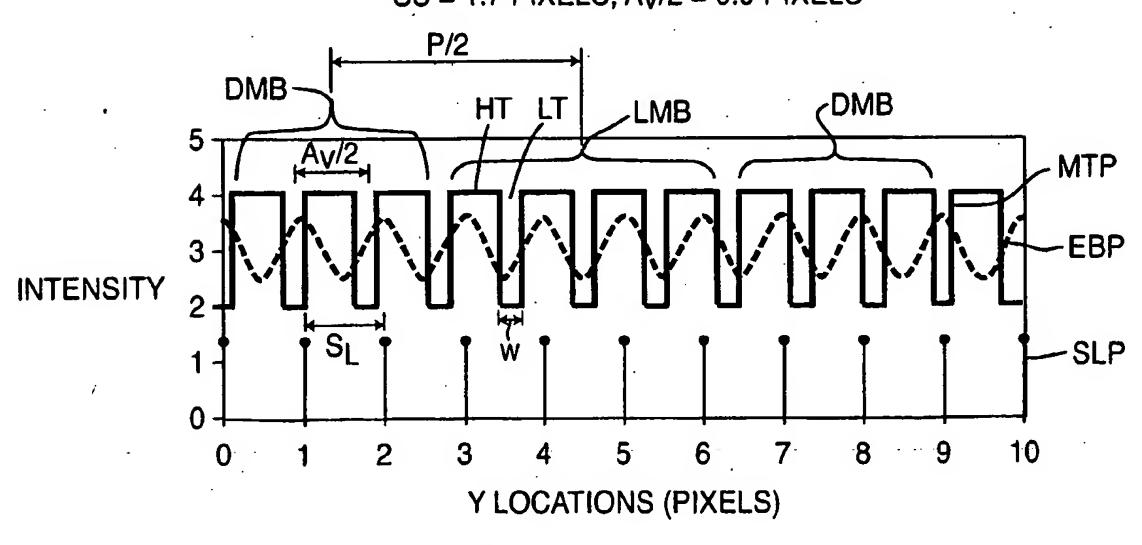


FIG. 7

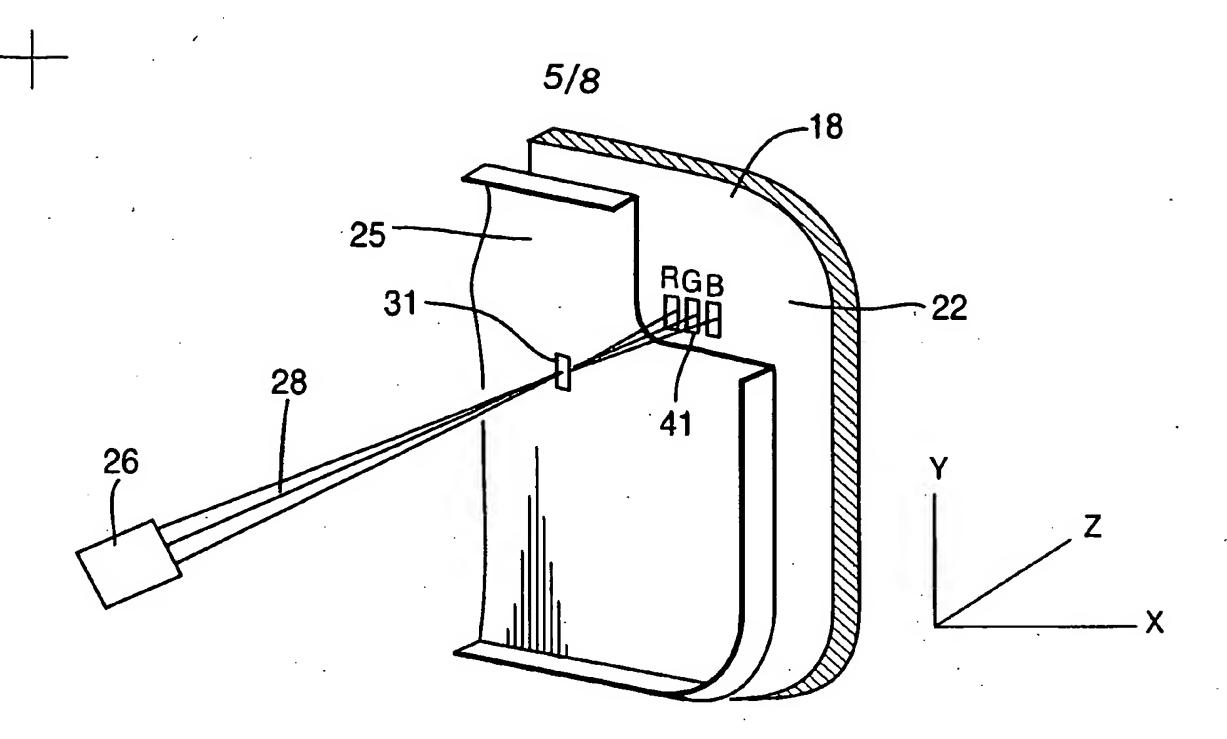


FIG. 8A

ELECTRON BEAM INTENSITY PROFILE

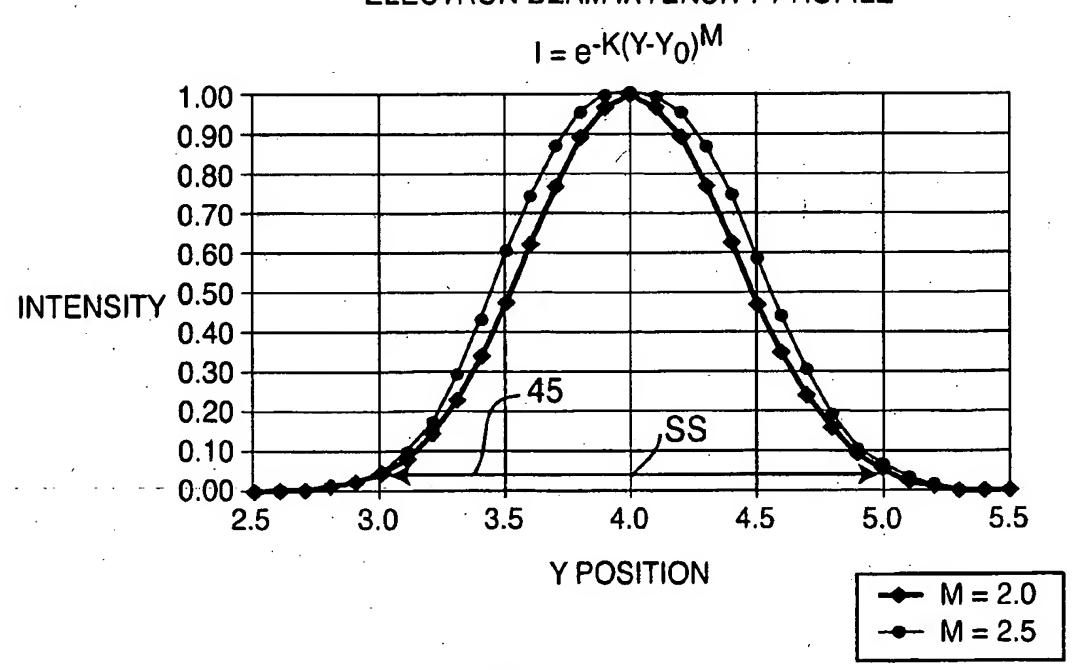
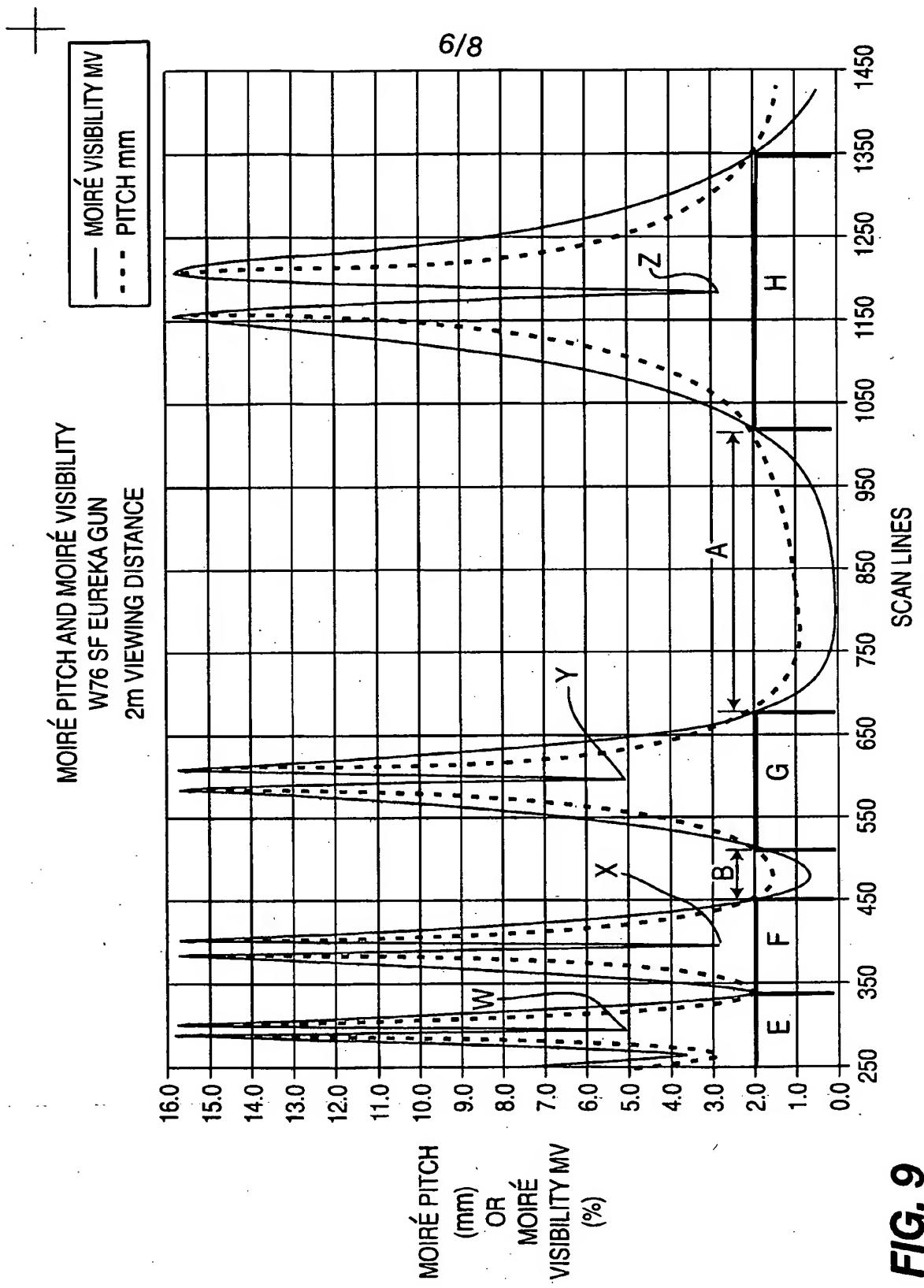
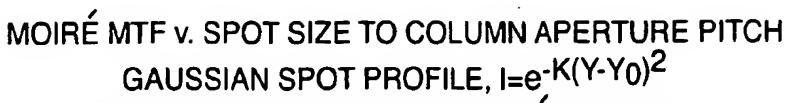


FIG. 8B





 $A_V/2 = 1$ PIXEL, $W = 0.15A_V$, MOIRÉ MODE = 1

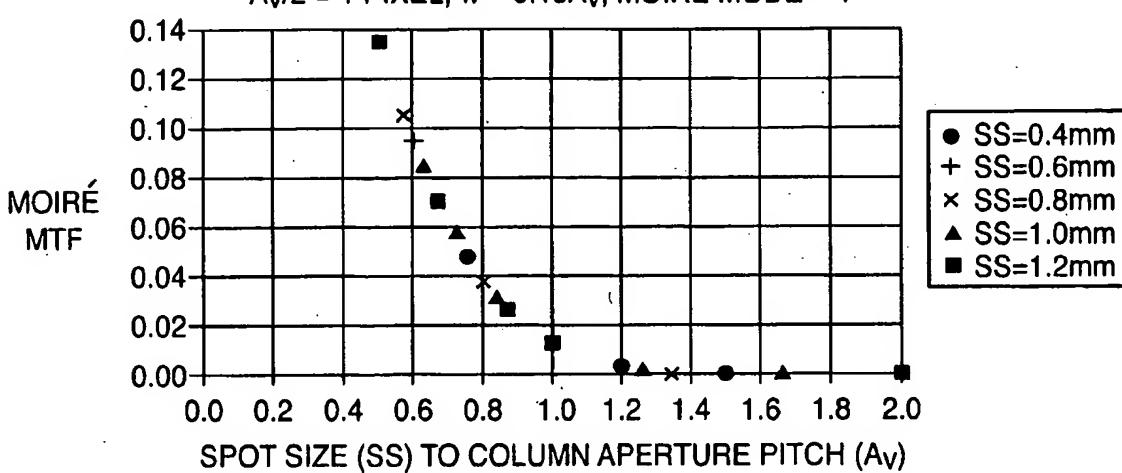


FIG. 10

MOIRÉ MTF v. SPOT SIZE TO COLUMN APERTURE PITCH NON-GAUSSIAN SPOT PROFILE, $I=e^{-K(Y-Y_0)^{2.5}}$ Av/2 = 1 PIXEL, w = 0.15Av, MOIRÉ MODE = 1

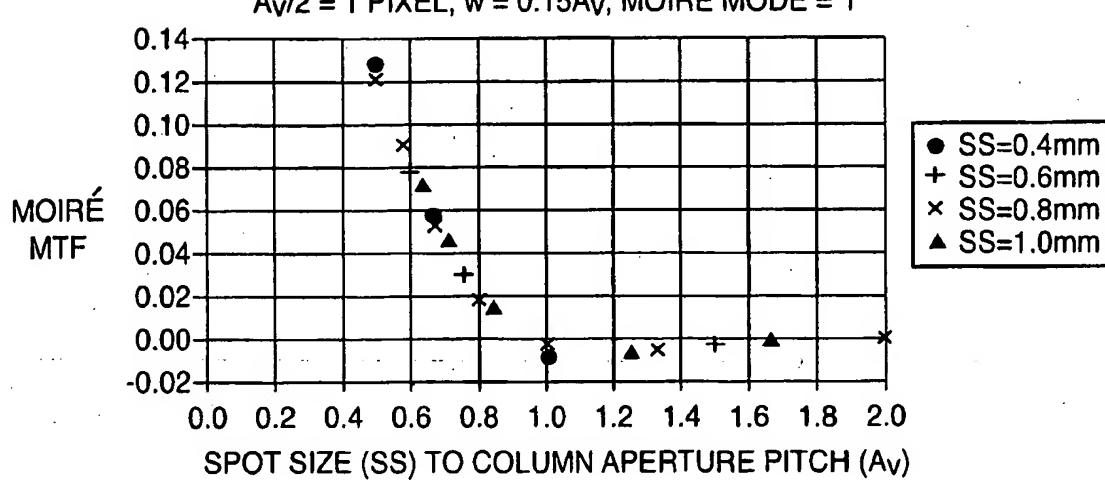


FIG. 11

8/8

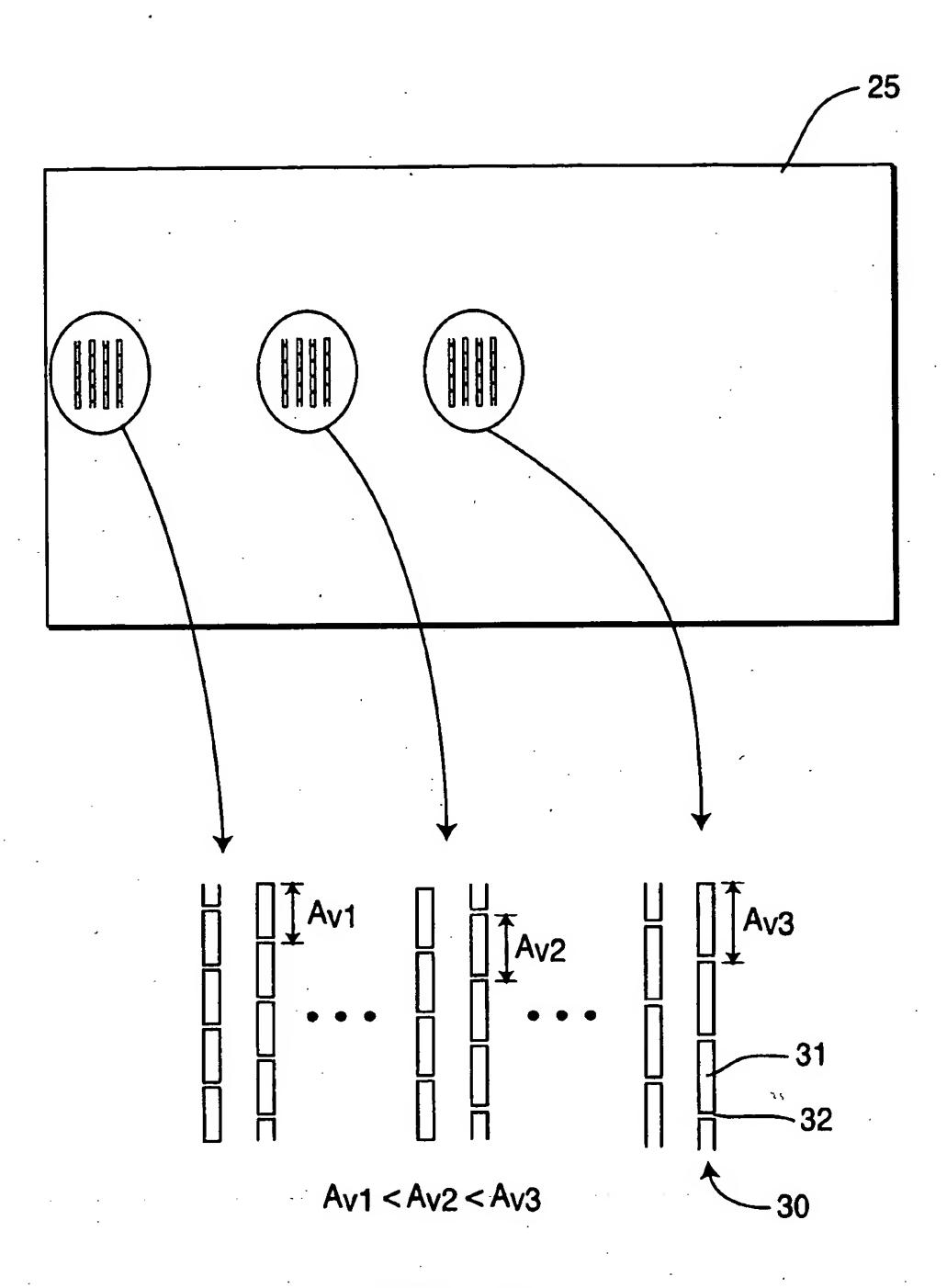


FIG. 12